

Certificate of Analysis

Date of Testing: 2025-07-04 15:57:01

Date of Next Testing: 2027-07-04 15:57:01

Product Name: **Trifluoroacetic acid (TFA)**

CAS Number: 76-05-1

Specifications & Purity: AR, ≥99%

Lot #: G2501232

SKU #: **T103291**

Version: **5**

Analysis #: **533320**

Storage Temperature: Argon charged, Desiccated

Parameter	Limit Values	Result
Purity (Titration by NaOH)	98.5-101.5 (%)	99.70 %
Density (20°C)	1.491-1.495	1.49
Water by Karl Fischer	0-0.1 (%)	0.02 %
PH	1-3	2.00
Refractive index n ₂₀ /D	1.283-1.3	1.28
Appearance (T103291)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in blue ink that reads "John Su".

John Su
QA & QC Manager